

**United States Department of Commerce
National Institute of Standards and Technology**

***Demonstrated
Areas of Proficiency**

Mass

Echelon I

1 kg - 1 mg

Echelon II

30 kg - 1 mg

50 lb - 1 μ lb

Echelon III

500 kg - 1 mg

1000 lb - 0.001 lb

8 oz - 0.03125 oz

Volume

Volume transfer

5 L - 100 mL

1500 gal - 5 gal

1 gal - 1 gill

Length

Steel tapes

100 ft - 0 ft

Rigid rules

12 in - 0 in

1000 mm - 0 mm

Grain Moisture

13 % - 23 %

**~ Certificate of Measurement Traceability ~
for**

South Carolina

**a participant in the NIST Weights and Measures
Measurement Assurance Program for the Year(s)**

2006

**The State standards are traceable to NIST and the laboratory
has demonstrated* measurement proficiency through training
and interlaboratory comparisons.**



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for the National Institute of Standards and Technology*

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Title

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Effective Date

